

TER-119 Monoclonal Antibody (TER-119), Biotin, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Fish, Mouse, Human
Host/Isotype	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	TER-119
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_466797

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	8 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	0.5 µg/test	109 Publications
Functional Assay (FN)	-	1 Publication
Miscellaneous PubMed (Misc)	-	12 Publications

Product Specific Information

Description: The TER-119 monoclonal antibody reacts with mouse erythroid cells from early proerythroblast to mature erythrocyte stages. The TER-119 antigen is present in yolk sac, fetal and newborn liver, but is not expressed by cells carrying BFU-E and CFU-E activities. Several erythroleukemia cell lines tested so far are negative for expression of TER-119 antigen even after dimethylsulfoxide stimulation. Biochemical and molecular analysis of the TER-119 antigen indicate that this molecule is associated with the surface glycoprotein A, but is not a typical glycoprotein.

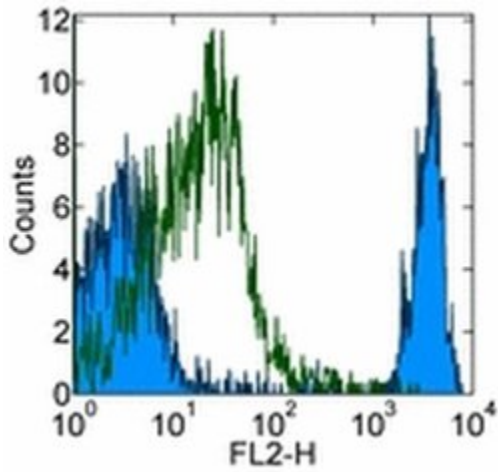
Applications Reported: The TER-119 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The TER-119 antibody has been tested by flow cytometric analysis of mouse splenocytes and bone marrow cells. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is

recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For TER-119 Monoclonal Antibody (TER-119), Biotin, eBioscience™



TER-119 Antibody (13-5921-82) in Flow

Staining of BALB/c bone marrow cells with 0.25 µg of Rat IgG2b Isotype Control (Product # 12-4031-82) (open histogram) or 0.25 µg of Anti-Mouse TER-119 Biotin (filled histogram) followed by Streptavidin PE (Product # 12-4317-87). Cells in the small scatter population were used for analysis.

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Immunohistochemistry (8)

Cardiovascular research

Plasma levels of trimethylamine-N-oxide can be increased with 'healthy' and 'unhealthy' diets and do not correlate with the extent of atherosclerosis but with plaque instability.

"13-5921 was used in Immunohistochemistry to reconcile contradictory data on TMAO."

Authors: Koay YC, Chen YC, Wali JA, Luk AWS, Li M, Doma H, Reimark R, Zaldivia MTK, Habtom HT, Franks AE, Fusco-Allison G, Yang J, Holmes A, Simpson SJ, Peter K, O'Sullivan JF

Species
Mouse

Dilution
1:400

Year
2021

The Journal of clinical investigation

Ribonuclease inhibitor 1 regulates erythropoiesis by controlling GATA1 translation.

"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Immunocytochemistry"

Authors: Chennupati V, Veiga DF, Maslowski KM, Andina N, Tardivel A, Yu EC, Stilianovic M, Simillion C, Duchosal MA, Quadroni M, Roberts I, Sankaran VG, MacDonald HR, Fasel N, Angelillo-Scherrer A, Schneider P, Hoang T, Allam R

Species
Not Applicable

Dilution
Not Cited

Year
2018

[View more IHC references on thermofisher.com](#)

Immunocytochemistry (2)

The Journal of clinical investigation

Ribonuclease inhibitor 1 regulates erythropoiesis by controlling GATA1 translation.

"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Immunocytochemistry"

Authors: Chennupati V, Veiga DF, Maslowski KM, Andina N, Tardivel A, Yu EC, Stilianovic M, Simillion C, Duchosal MA, Quadroni M, Roberts I, Sankaran VG, MacDonald HR, Fasel N, Angelillo-Scherrer A, Schneider P, Hoang T, Allam R

Species
Not Applicable

Dilution
Not Cited

Year
2018

Developmental cell

Trophoblasts regulate the placental hematopoietic niche through PDGF-B signaling.

"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Immunohistochemistry"

Authors: Chhabra A, Lechner AJ, Ueno M, Acharya A, Van Handel B, Wang Y, Iruela-Arispe ML, Tallquist MD, Mikkola HK

Species
Not Applicable

Dilution
Not Cited

Year
2012

More applications with references on thermofisher.com

Flow (109)

FN (1)

Misc (12)

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